

17/02/2005

10009367

Connecting via Winsock to STN

Welcome to STN International! Enter x:x

LOGINID:SSSPTA1626KAS

PASSWORD:

TERMINAL (ENTER 1, 2, 3, OR ?):2

* * * * * Welcome to STN International * * * * *

NEWS 1 Web Page URLs for STN Seminar Schedule - N. America
NEWS 2 "Ask CAS" for self-help around the clock
NEWS 3 SEP 01 New pricing for the Save Answers for SciFinder Wizard within
STN Express with Discover!
NEWS 4 OCT 28 KOREAPAT now available on STN
NEWS 5 NOV 30 PHAR reloaded with additional data
NEWS 6 DEC 01 LISA now available on STN
NEWS 7 DEC 09 12 databases to be removed from STN on December 31, 2004
NEWS 8 DEC 15 MEDLINE update schedule for December 2004
NEWS 9 DEC 17 ELCOM reloaded; updating to resume; current-awareness
alerts (SDIs) affected
NEWS 10 DEC 17 COMPUAB reloaded; updating to resume; current-awareness
alerts (SDIs) affected
NEWS 11 DEC 17 SOLIDSTATE reloaded; updating to resume; current-awareness
alerts (SDIs) affected
NEWS 12 DEC 17 CERAB reloaded; updating to resume; current-awareness
alerts (SDIs) affected
NEWS 13 DEC 17 THREE NEW FIELDS ADDED TO IFIPAT/IFIUDB/IFICDB
NEWS 14 DEC 30 EPFULL: New patent full text database to be available on STN
NEWS 15 DEC 30 CAPLUS - PATENT COVERAGE EXPANDED
NEWS 16 JAN 03 No connect-hour charges in EPFULL during January and
February 2005
NEWS 17 JAN 26 CA/CAPLUS - Expanded patent coverage to include the Russian
Agency for Patents and Trademarks (ROSPATENT)
NEWS 18 FEB 10 STN Patent Forums to be held in March 2005
NEWS 19 FEB 16 STN User Update to be held in conjunction with the 229th ACS
National Meeting on March 13, 2005

NEWS EXPRESS JANUARY 10 CURRENT WINDOWS VERSION IS V7.01a, CURRENT
MACINTOSH VERSION IS V6.0c(ENG) AND V6.0Jc(JP),
AND CURRENT DISCOVER FILE IS DATED 10 JANUARY 2005

NEWS HOURS STN Operating Hours Plus Help Desk Availability
NEWS INTER General Internet Information
NEWS LOGIN Welcome Banner and News Items
NEWS PHONE Direct Dial and Telecommunication Network Access to STN
NEWS WWW CAS World Wide Web Site (general information)

Enter NEWS followed by the item number or name to see news on that
specific topic.

All use of STN is subject to the provisions of the STN Customer
agreement. Please note that this agreement limits use to scientific
research. Use for software development or design or implementation

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of commercial gateways or other similar uses is prohibited and may result in loss of user privileges and other penalties.

* * * * * STN Columbus * * * * *

FILE 'HOME' ENTERED AT 11:26:46 ON 17 FEB 2005

=> le reg

LE IS NOT A RECOGNIZED COMMAND

The previous command name entered was not recognized by the system.
For a list of commands available to you in the current file, enter
"HELP COMMANDS" at an arrow prompt (=>).

=> file reg

COST IN U.S. DOLLARS

SINCE FILE

TOTAL

ENTRY

SESSION

FULL ESTIMATED COST

0.21

0.21

FILE 'REGISTRY' ENTERED AT 11:26:59 ON 17 FEB 2005

USE IS SUBJECT TO THE TERMS OF YOUR STN CUSTOMER AGREEMENT.

PLEASE SEE "HELP USAGETERMS" FOR DETAILS.

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Property values tagged with IC are from the ZIC/VINITI data file provided by InfoChem.

STRUCTURE FILE UPDATES: 15 FEB 2005 HIGHEST RN 831913-30-5

DICTIONARY FILE UPDATES: 15 FEB 2005 HIGHEST RN 831913-30-5

TSCA INFORMATION NOW CURRENT THROUGH JANUARY 18, 2005

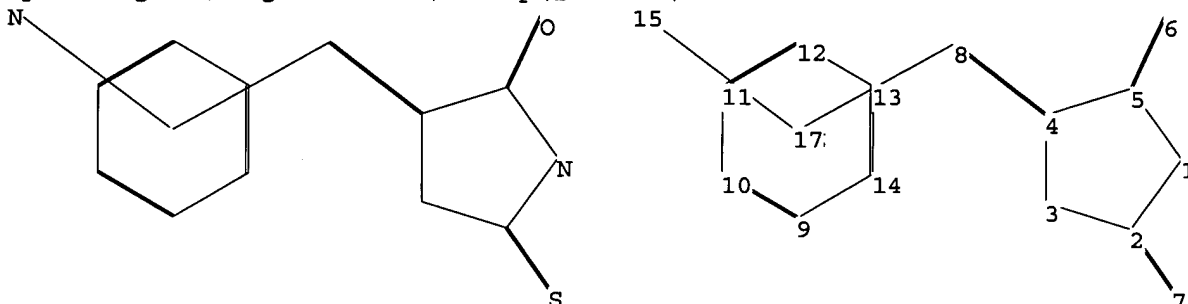
Please note that search-term pricing does apply when conducting SmartSELECT searches.

Crossover limits have been increased. See HELP CROSSOVER for details.

Experimental and calculated property data are now available. For more information enter HELP PROP at an arrow prompt in the file or refer to the file summary sheet on the web at:
<http://www.cas.org/ONLINE/DBSS/registryss.html>

=>

Uploading C:\Program Files\Stnexp\Queries\10009367.str



chain nodes :

6 7 8 15

ring nodes :

1 2 3 4 5 9 10 11 12 13 14

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chain bonds :

2-7 4-8 5-6

ring bonds :

1-2 1-5 2-3 3-4 4-5 9-10 9-14 10-11 11-12 12-13 13-14

exact/norm bonds :

1-2 1-5 2-7 5-6

exact bonds :

2-3 3-4 4-5 4-8

normalized bonds :

9-10 9-14 10-11 11-12 12-13 13-14

isolated ring systems :

containing 1 : 9 :

Match level :

1:Atom 2:Atom 3:Atom 4:Atom 5:Atom 6:CLASS 7:CLASS 8:CLASS 9:Atom 10:Atom

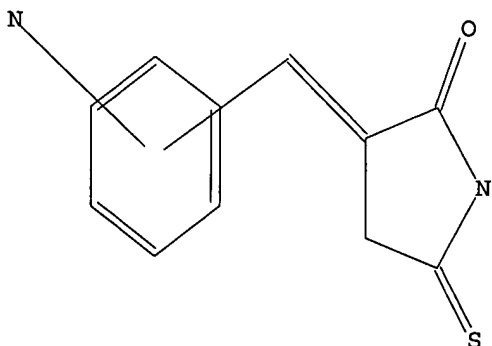
11:Atom 12:Atom 13:Atom 14:Atom 15:CLASS 16:CLASS 17:CLASS

L1 STRUCTURE UPLOADED

=> d

L1 HAS NO ANSWERS

L1 STR



Structure attributes must be viewed using STN Express query preparation.

=> s l1

SAMPLE SEARCH INITIATED 11:27:37 FILE 'REGISTRY'

SAMPLE SCREEN SEARCH COMPLETED - 5 TO ITERATE

100.0% PROCESSED 5 ITERATIONS

0 ANSWERS

SEARCH TIME: 00.00.01

FULL FILE PROJECTIONS: ONLINE **COMPLETE**

BATCH **COMPLETE**

PROJECTED ITERATIONS: 5 TO 234

PROJECTED ANSWERS: 0 TO 0

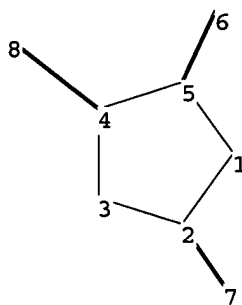
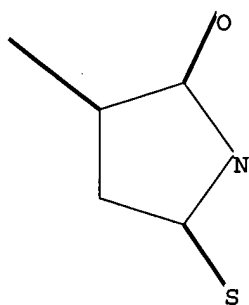
L2 0 SEA SSS SAM L1

=>

Uploading C:\Program Files\Stnexp\Queries\100093672.str

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chain nodes :

6 7 8

ring nodes :

1 2 3 4 5

chain bonds :

2-7 4-8 5-6

ring bonds :

1-2 1-5 2-3 3-4 4-5

exact/norm bonds :

1-2 1-5 2-3 2-7 3-4 4-5 5-6

exact bonds :

4-8

Match level :

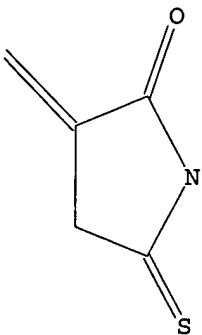
1:Atom 2:Atom 3:Atom 4:Atom 5:Atom 6:CLASS 7:CLASS 8:CLASS

L3 STRUCTURE UPLOADED

=> d

L3 HAS NO ANSWERS

L3 STR



Structure attributes must be viewed using STN Express query preparation.

=> s 13

SAMPLE SEARCH INITIATED 11:29:52 FILE 'REGISTRY'

SAMPLE SCREEN SEARCH COMPLETED - 71 TO ITERATE

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100.0% PROCESSED 71 ITERATIONS
SEARCH TIME: 00.00.01

2 ANSWERS

FULL FILE PROJECTIONS: ONLINE **COMPLETE**
BATCH **COMPLETE**
PROJECTED ITERATIONS: 915 TO 1925
PROJECTED ANSWERS: 2 TO 124

L4 2 SEA SSS SAM L3

=> file caplus

COST IN U.S. DOLLARS

SINCE FILE

TOTAL

ENTRY

SESSION

FULL ESTIMATED COST

2.15

2.36

FILE 'CAPLUS' ENTERED AT 11:30:01 ON 17 FEB 2005
USE IS SUBJECT TO THE TERMS OF YOUR STN CUSTOMER AGREEMENT.
PLEASE SEE "HELP USAGETERMS" FOR DETAILS.
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FILE COVERS 1907 - 17 Feb 2005 VOL 142 ISS 8
FILE LAST UPDATED: 16 Feb 2005 (20050216/ED)

This file contains CAS Registry Numbers for easy and accurate substance identification.

=> s l4

L5 1 L4

=> d ibib abs hitstr tot

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L5 ANSWER 1 OF 1 CAPLUS COPYRIGHT 2005 ACS on STN

ACCESSION NUMBER: 1957:51018 CAPLUS

DOCUMENT NUMBER: 51:51018

ORIGINAL REFERENCE NO.: 51:93851,9386a-e

TITLE: Merocyanine sensitizing dyes

PATENT ASSIGNEE(S): Farbwerke Hoechst AG vorm. Meister Lucius & Bruning

DOCUMENT TYPE: Patent

LANGUAGE: Unavailable

FAMILY ACC. NUM. COUNT: 1

PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
GB 764690		19570102	GB	

GI For diagram(s), see printed CA Issue.

AB Merocyanines are prepared of the general formula

$$R^1N.Z.C:CHCH:C.CH_2.C(S).NR^2.C:O$$

where Z completes the 5 or 6 membered ring used in cyanine dyes, R¹ is alkyl, and R² is Me, Et, Ph, PhCH₂,

allyl, or cyclohexyl. N-Ethyl-2-(phenyliminoethylidene)pyrrolidine (10.7 g.)

and 8.6 g. N-ethyl-2-thio-5-oxopyrrolidine (I) were dissolved in 50 cc. pyridine, and 5 cc. piperidine added at 20°. The solution was stirred and heated 1 hr. at 40-50°, then cooled, mixed with petr. ether, and the semi-solid triturated with acetone and recrystd. from MeOH. The dye m. 196°, sensitivity maximum at 5230A. Similarly there were prepared from: I and

N-ethyl-4-phenyl-2-(phenyliminoethylidene)pyrrolidine, a dye, m. 190-1°, sensitivity maximum 5260 A.; I and N-methyl-2-(phenyliminoethylidene)thiazolidine, a dye, m. 219° (decomposition), sensitivity maximum at 5460 A.; I and N-ethyl-2-(phenyliminoethylidene)-5-methyl-2,3-dihydrobenzoxazole, a dye, m. 241-2° (decomposition), sensitivity maximum at 5600 A.; I and 1,3,3,5,6-pentamethyl-2-(formylmethylene)indolenine, a dye, m. 214° (decomposition), sensitivity maximum at 5950 A.; I and N-ethyl-2-(phenyliminoethylidene)-5,6-dimethyl-2,3-dihydrobenzothiazole, a dye, m. 262° (decomposition), sensitivity maximum at 6050 A.; I and N-ethyl-5-methoxy-2-(phenyliminoethylidene)-2,3-dihydrobenzoxazelenazole, a dye, m. 226-7° (decomposition), sensitivity maximum at 6200 A.; I and N-ethyl-1,4-dihydro-4-(formylmethylene)quinoline, a dye, m. 225° (decomposition), sensitivity maximum at 6650 A.;

N-methyl-2-thio-5-oxopyrrolidine and N-methyl-2-(phenyliminoethylidene)pyrrolidine, a dye, m. 232-3° (decomposition), sensitivity maximum at 5210 A.;

N-allyl-2-thio-5-oxopyrrolidine and N-ethyl-2-(phenyliminoethylidene)-5-phenyl-2,3-dihydrobenzoxazole, a dye, m. 246° (decomposition), sensitivity maximum at 5600 A.; N-cyclohexyl-2-thio-5-oxopyrrolidine and 1,3,3,5-tetramethyl-2-(formylmethylene)indolenine, a dye, m. 218° (decomposition), sensitivity maximum at 5800 A.; N-phenyl-2-thio-5-oxopyrrolidine and N-methyl-2-(phenyliminoethylidene)thiazolidine, a dye, m. 230-1° (decomposition), sensitivity maximum at 5500 A.;

N-benzyl-2-thio-5-oxopyrrolidine (II) and N-ethyl-2-(phenyliminoethylidene)-5-methoxy-2,3-dihydrobenzoxazole, a dye, m. 253-4° (decomposition), sensitivity maximum at 5700 A.; II and N-ethyl-2-(phenyliminoethylidene)-5,6-dimethyl-2,3-

L5 ANSWER 1 OF 1 CAPLUS COPYRIGHT 2005 ACS on STN (Continued)

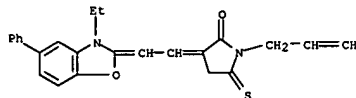
dihydrobenzothiazole, a dye, m. 259-60° (decompn.), sensitivity max. at 6050 A.; and II and N-ethyl-2-(phenyliminoethylidene)-5-methoxy-2,3-dihydrobenzoxazelenazole, a dye, m. 225° (decompn.), sensitivity max. at 5700 A.

IT 102749-94-0, Succinimide, N-allyl-3-[2-(3-ethyl-5-phenyl-2-benzoxazolinyldene)ethylidene]-1-thio-

(preparation of)

RN 102749-94-0 CAPLUS

CN Succinimide, N-allyl-3-[2-(3-ethyl-5-phenyl-2-benzoxazolinyldene)ethylidene]-1-thio- (6CI) (CA INDEX NAME)



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=> logoff

ALL L# QUERIES AND ANSWER SETS ARE DELETED AT LOGOFF

LOGOFF? (Y)/N/HOLD:y

COST IN U.S. DOLLARS

SINCE FILE

TOTAL

ENTRY

SESSION

FULL ESTIMATED COST

5.39

7.75

DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS)

SINCE FILE

TOTAL

ENTRY

SESSION

CA SUBSCRIBER PRICE

-0.73

-0.73

STN INTERNATIONAL LOGOFF AT 11:30:24 ON 17 FEB 2005